

ORIGINAL

REDACTED

Sprint Florida, Incorporated  
Docket No. 981834-TP  
Staff's 7<sup>th</sup> Set of Interrogatories  
July 14, 2003

Interrogatory 57

**REQUEST:** Sprint states in response to Staff's 5<sup>th</sup> Request for Production of Documents, No. 31, that the 12 year life is adjusted to 10.6 years to take into consideration the change in architecture to include the conversion of the committed 1 million lines in 2003 and 2004 to packet.

- a. Are the committed 1 million lines to be converted to packet in 2003 and 2004 located in Florida? If no, where are the 1 million lines located?
- b. Was Sprint's TELRIC network construct provided in Docket No. 990649B-TP based on a packet switched network construct? If no, why then should the advent of packet switching be factored into the life of digital switching in this proceeding?
- c. Is Sprint replacing Florida digital switches with packet switches or will packet switches be installed as an adjunct to existing switches? Explain your answer.

**RESPONSE:**

- a. Roughly [REDACTED] of the [REDACTED] are planned for Florida.
- b. No. Packet Switching represents the next generation of digital switching technology. Although it is new and still under development, it is near term enough to reasonably anticipate its use in the future and acknowledge its associated impact on current digital switch economic lives.
- c. [REDACTED]

Sprint Proprietary

AUS \_\_\_\_\_  
CAF \_\_\_\_\_  
CMP \_\_\_\_\_  
COM \_\_\_\_\_  
CTR \_\_\_\_\_  
ECR \_\_\_\_\_  
GCL \_\_\_\_\_  
GPC \_\_\_\_\_  
HMS \_\_\_\_\_  
SEC \_\_\_\_\_  
OTH \_\_\_\_\_

DOCUMENT NUMBER-DATE


07155 AUG-5 8

FPSC-COMMUNICATION CLERK

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**Interrogatory 58**

**REQUEST: When will Sprint install packet switching in Florida?**

**RESPONSE: Current planning schedules indicate** 

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**Interrogatory 62**

**REQUEST:** On page 4 of Sprint's response to Staff's 5<sup>th</sup> Production of Documents, No. 31, Sprint states that it will operate both TDM and packet-based switch complexes for an extended period.

a. Please quantify "extended period."

**RESPONSE:** The conversion of specific digital switches to packet technology is scheduled when justified by projected capacity demands or other technical issues beyond the control of Sprint. Therefore it is not possible at present to determine just how long circuit switch technology will remain in place. Although subject to change, current projections suggest the circuit switch technology will remain in place for at least [REDACTED]

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Summary of Job Specific Rates 2001

Entity-Work Group	Entity-Class	Job Title	Wages	Travel	Exempt Material	Tools	Vehicles	Benefits	Pension	Supervision	Loaded Labor Rate
21-900	21-SUP	LEGAL (1)	83.94	-	-	-	-	14.64	2.31	7.70	88.79
21-900	21-SUP	CONTRACT NEGOTIATOR - NATL ACCT MGR (2)	49.21	-	-	-	-	11.42	1.78	7.70	70.11
39-030	39-ENG	OSP ENGINEERING (3)	35.13	-	-	-	-	10.46	1.21	1.31	49.11
39-040	39-ENG	POWER ENGINEER (4)	40.76	-	-	-	-	11.81	1.37	2.15	56.08
39-100	39-GSV	OSP SERVICE TECHNICIAN (5)	27.50	8.38	2.16	1.06	3.88	10.39	1.21	3.82	58.21
39-900	39-SUP	APPLICATIONS ENG-CARRIER (6)	44.48	-	-	-	-	12.88	1.49	3.96	62.82
39-900	39-SUP	CPR/CAD TECHNICIAN DRAFTING (7)	22.00	-	-	-	-	6.37	0.74	3.98	33.07
39-900	39-SUP	NETWORK PROJECT MGR (8)	35.21	-	-	-	-	10.20	1.18	3.98	50.55
39-900	39-SUP	NETWRK SALES MGR/FIELD SERVICE MGR (9)	50.30	-	-	-	-	14.57	1.89	3.98	70.52
39-900	39-SUP	LAND & BUILDING ENGINEER (10)	58.08	-	-	-	-	13.01	2.03	4.61	75.71
39-900	39-SUP	NASC SVC REP - BILLING (11)	25.33	-	-	-	-	5.88	0.92	4.61	36.74

- 1 ATTORNEY
- 2 NATL ACCT MGR-LOCAL SVCS
- 3 ENGINEER II-NTWK
- 4 SR ENG-NTWK
- 5 SERVICE TECHNICIAN
- 6 APPLICATIONS ENG-CARRIER
- 7 CAD TECHNICIAN-CDE
- 8 ENGINEER II-NTWK DESIGN
- 9 FIELD SERVICE MGR
- 10 PROJ MGR V
- 11 BUS SPECIALIST



**Load Labor Rate Study  
Administrative Costs as a Percent of Manager Costs**

**NOTE:** This factor represents the cost of dispatching, secretarial, and any other related administrative costs. These costs are salaries and benefits of employees who report to the managers and supervisors. The factor is used in the "Supervision Costs" worksheet to roll costs into the supervision rate. Based on the current HRIS database, the majority of employees in an administrative role are job level "39". The majority of managers to whom these employees report are at a level "79". Therefore, the mid-points of these job levels are used in developing the administrative support rate.

A	B	C	D	E	F	G	H
Row	Description	Grade Level	Salary Mid-Point	Benefits 30%	MIP Rates	Cash MIP 50%	Total Costs
16	Admin Support	39	\$36,300	\$10,890	\$0	\$0	\$47,190
17	Manager	79	97,100	29,130	10,500	5,250	131,480

**Admin Cost Factor                      35.89%**

Supervision Costs

	1	2	3	4	5	6	7	8	9	10	11
	ENTY	LAB	SWR	WRK	GRP	JOB TITLE	EMP NAME	JOB GRO	S NAME	S TITLE	S JOB GRO
21-000	21-SUP	21	SUP	900		BILLING ANALYST I				SPV BILLING	76
21-000	21-SUP	21	SUP	900		BILLING ANALYST II				SR SPV BILLING	77
21-000	21-SUP	21	SUP	900		CARRIER MKTS TECH ANLST I				SPV NATL CARRIER	76
21-000	21-SUP	21	SUP	900		INS ASSOC I				MGR/ASSOC	77
21-000	21-SUP	21	SUP	900		INS ASSOC II				MGR/ASSOC	77
21-000	21-SUP	21	SUP	900		INS TECHNICAL SPEC II				MGR/ASSOC	77
21-000	21-SUP	21	SUP	900		MGR INFO SYSTEMS OPS		77		MGR INTELLIGENT	79
21-000	21-SUP	21	SUP	900		NATL ENG STDS MGR II		76		REGULATORY AFFAIRS	79
21-000	21-SUP	21	SUP	900		PROJECT ANALYST II - CSB				PROGRAM MGR-CMO	77
21-000	21-SUP	21	SUP	900		PROJECT LEADER - CMO				PROGRAM MGR-CMO	77
21-000	21-SUP	21	SUP	900		REG SYSTEMS ADMR I				SVC CTR MGR	78
21-000	21-SUP	21	SUP	900		REG SYSTEMS ADMR III				SVC CTR MGR	76
21-000	21-SUP	21	SUP	900		STF MGR CARRIER OPS		78		IMPL MGR NATL CAR	77
21-000	21-SUP	21	SUP	900		SVC OPS PLNG MGR III		77		PRIN PROG MGR II	79
39-030	39-ENG	39	ENG	030		SR ENG-NTWK		78		MGR ENGINEERING	77
39-030	39-ENG	39	ENG	030		SR ENG-NTWK		78		REG MGR PLANNING	78
39-040	39-ENG	39	ENG	040		ENGINEER II-SWITCH ENGRG		74		REGION MGR PROJ MGR	78
39-040	39-ENG	39	ENG	040		LEAD ENG-TRANSLTN ENGRNG		78		MGR TRANSLATIONS EN	78
39-040	39-ENG	39	ENG	040		SR ENG-TRANSLN ENGRNG		78		MGR TRANSLATIONS EN	78
39-040	39-ENG	39	ENG	040		SR ENG-TRANSMN ENGRNG		78		MGR TRANSMISSION EN	78
39-100	39-CSV	39	CSV	100		SR LEAD ENG TRANSLTN ENGRG		77		MGR TRANSLATIONS EN	78
39-100	39-CSV	39	CSV	100		CENTRAL OFFICE TECHNICIAN				SPV NTWK-CSO	75
39-100	39-CSV	39	CSV	100		CUST SVC TECH I				SPV OSP-CSO	75
39-100	39-CSV	39	CSV	100		CUST SVC TECH II				SPV OSP-CSO	75
39-100	39-CSV	39	CSV	100		ENGINEER II-NTWK		74		MGR ENGINEERING	77
39-100	39-CSV	39	CSV	100		SERVICE TECHNICIAN				SPV OSP-CSO	75
39-300	39-CON	39	CON	300		CABLE SPLICER				SPV CONSTRUCTION-CI	75
39-300	39-CON	39	CON	300		LINE TECHNICIAN				SPV CONSTRUCTION-CI	75
39-400	39-CON	39	CON	400		CENTRAL OFFICE INSTALLER				SPV NTWK INSTALLATIC	75
39-400	39-CON	39	CON	400		CENTRAL OFFICE TECHNICIAN				SPV NTWK-CSO	75
39-400	39-CON	39	CON	400		NETWORK TECHNICIAN				SPV NTWK INSTALLATIC	75
39-400	39-CON	39	CON	400		NTWK EQUIP INSTALLER				SPV NTWK INSTALLATIC	75
39-400	39-CON	39	CON	400		SERVICE TECHNICIAN				SPV NTWK-CSO	75
39-900	39-SUP	39	SUP	900		ADV NTWK SVCS OPS SPEC I		2		NTWK OPS MGR-ANS	77
39-900	39-SUP	39	SUP	900		APPLICATIONS ENGRG CARRIER				REG MGR SYSTEMS	77
39-900	39-SUP	39	SUP	900		CAD TECH-LANDBASE		39		SPV NTWK-CSO	75
39-900	39-SUP	39	SUP	900		CAD TECHNICIAN-COE				AVP	E15
39-900	39-SUP	39	SUP	900		CENTRAL OFFICE TECHNICIAN				MGR ACCESS SVC PRO	78
39-900	39-SUP	39	SUP	900		MGR ED11 DATABASE MGMT		77		MGR NTWK DESIGN	77
39-900	39-SUP	39	SUP	900		ENGINEER II-ACCESS PROVIS		74		MGR ENGINEERING	77
39-900	39-SUP	39	SUP	900		ENGINEER II-NTWK		72		REG MGR PLANNING	78
39-900	39-SUP	39	SUP	900		FIELD SERVICE MGR				REG MGR PLANNING	78
39-900	39-SUP	39	SUP	900		NYAC ENG III		78		SPV TECH ASSIST CTR	77
39-900	39-SUP	39	SUP	900		NTWK PLANNER		74		REG MGR PLANNING	78
39-900	39-SUP	39	SUP	900		PROJ MGR V				SPV TECH ASSIST CTR	77
39-900	39-SUP	39	SUP	900		SR ENG-ACCESS PROVISIONING				REG MGR PLANNING	78
39-900	39-SUP	39	SUP	900		SR ENG-ACCESS PROVISIONING				SV8 EVOL PLNNR III	77
39-900	39-SUP	39	SUP	900		SWITCH DESIGN ANLST				SPV OSP-CSO	75
39-900	39-SUP	39	SUP	900		CENTRAL OFFICE TECHNICIAN				REG MGR PLANNING	78
39-900	39-SUP	39	SUP	900		ENGINEER II-TRANSMN ENGR		74		MGR ACCESS SVC PRO	78
39-900	39-SUP	39	SUP	900		FACILITIES TECHNICIAN				MGR NTWK DESIGN	78
39-900	39-SUP	39	SUP	900		NTWK TECH SPECIALIST		5		SPV NTWK-CSO	75
										MGR TRANSMISSION EN	78
										SR ENG-NTWK	75
										SPV NTWK OPS CTR	76

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
	MID BY SAL	\$ MIP	SW SUPERVISED	M NAME	M TITLE	M JOB GRD	M MID BY SAL	M MIP	SW SUPERVISED	MID BY SAL	\$ MIP	SW SUPERVISED	MID BY SAL	\$ MIP	SW SUPERVISED
1	65,000	8,000	8	DIR LOGG CARRIER	E15										
2	68,800	4,800	8	MGR BILLING	78	88,500	8,000	2	20,560	2,400	91,580	25,950	4,000		
3	77,000	6,000	5	SR MGR BILLING OPERA	79	97,100	10,500	3	23,100	3,000	103,100	29,130	6,250		
4	81,400	3,800	20	MGR NATL CARRIER SVC	79	97,100	10,500	10	18,420	1,900	81,720	29,130	5,250		
5	77,000	8,000	18	MGR NTWK OPS CTR	79	97,100	10,500	10	23,100	3,000	103,100	29,130	5,250		
6	77,000	8,000	18	MGR NTWK OPS CTR	79	97,100	10,500	10	23,100	3,000	103,100	29,130	5,250		
7	77,000	8,000	18	MGR NTWK OPS CTR	79	97,100	10,500	10	23,100	3,000	103,100	29,130	5,250		
8	97,100	10,500	7	DIR NTWK OPS	E15										
9	97,100	10,500	2	AVP NTWK ENGG	E15										
10	77,000	6,000	7.5	DIRECTOR	E15										
11	77,000	6,000	8	DIRECTOR	E15										
12	68,800	4,800	13	DIR SVC CTR OPS	E15										
13	68,800	4,800	13	DIR SVC CTR OPS	E15										
14	77,000	8,000	5	MGR CARRIER OPS	78	88,500	8,000	5	23,100	3,000	103,100	25,950	4,000		
15	97,100	10,500	3	DIR NTWK OPS	E15										
16	81,400	8,000	13	MGR ENGINEERING	77	77,000	6,000	16	18,420	1,900	81,720	29,130	5,250		
17	77,000	8,000	13	DIST MGR CSO	79	97,100	10,500	8	23,100	3,000	103,100	29,130	5,250		
18	88,500	8,000	9	DIR REG NTWK PLANNING	E15										
19	88,500	8,000	9	DIR NTWK ENGINEERING	E15										
20	88,500	8,000	9	DIR NTWK ENGINEERING	E15										
21	88,500	8,000	31	DIR NTWK ENGINEERING	E15										
22	88,500	8,000	31	DIR NTWK ENGINEERING	E15										
23	88,500	8,000	24	DIR NTWK ENGINEERING	E15										
24	88,500	8,000	31	DIR NTWK ENGINEERING	E15										
25	61,400	3,800	15	DIST MGR CSO	79	97,100	10,500	13	18,420	1,900	81,720	29,130	5,250		
26	61,400	3,800	17	DIST MGR CSO	79	97,100	10,500	13	18,420	1,900	81,720	29,130	5,250		
27	61,400	3,800	18	DIST MGR CSO	79	97,100	10,500	13	18,420	1,900	81,720	29,130	5,250		
28	77,000	6,000	16	DIST MGR CSO	79	97,100	10,500	27	23,100	3,000	103,100	29,130	5,250		
29	81,400	3,800	14	DIST MGR CSO	79	97,100	10,500	13	18,420	1,900	81,720	29,130	5,250		
30	81,400	3,800	12	DIST MGR CSO	79	97,100	10,500	13	18,420	1,900	81,720	29,130	5,250		
31	81,400	3,800	9	DIST MGR CSO	79	97,100	10,500	8	18,420	1,900	81,720	29,130	5,250		
32	81,400	3,800	9	DIST MGR CSO	79	97,100	10,500	8	18,420	1,900	81,720	29,130	5,250		
33	81,400	3,800	18	DIST MGR CSO	79	97,100	10,500	10	18,420	1,900	81,720	29,130	5,250		
34	81,400	3,800	10	DIST MGR CSO	79	97,100	10,500	9	18,420	1,900	81,720	29,130	5,250		
35	81,400	3,800	7	DIST MGR CSO	79	97,100	10,500	9	18,420	1,900	81,720	29,130	5,250		
36	81,400	3,800	17	DIST MGR CSO	79	97,100	10,500	9	18,420	1,900	81,720	25,950	4,000		
37	77,000	6,000	10	DIST MGR CSO	79	97,100	10,500	7	23,100	3,000	103,100	29,130	5,250		
38	77,000	6,000	25	DIST MGR CSO	79	97,100	10,500	10	18,420	1,900	81,720	29,130	5,250		
39	77,000	6,000	7	DIST MGR CSO	79	97,100	10,500	8	23,100	3,000	103,100	29,130	5,250		
40	81,400	3,800	15	DIST MGR CSO	79	97,100	10,500	10	18,420	1,900	81,720	29,130	5,250		
41	81,400	3,800	1	DIST MGR CSO	79	97,100	10,500	10	18,420	1,900	81,720	29,130	5,250		
42	88,500	8,000	25	DIST MGR CSO	79	97,100	10,500	18	23,100	3,000	103,100	29,130	5,250		
43	88,500	8,000	21	DIST MGR CSO	79	97,100	10,500	18	23,100	3,000	103,100	29,130	5,250		
44	77,000	6,000	9	DIST MGR CSO	79	97,100	10,500	8	23,100	3,000	103,100	29,130	5,250		
45	77,000	6,000	15	DIST MGR CSO	79	97,100	10,500	8	23,100	3,000	103,100	29,130	5,250		
46	88,500	8,000	15	DIST MGR CSO	79	97,100	10,500	8	23,100	3,000	103,100	29,130	5,250		
47	88,500	8,000	15	DIST MGR CSO	79	97,100	10,500	8	23,100	3,000	103,100	29,130	5,250		
48	77,000	6,000	4	DIST MGR CSO	79	97,100	10,500	8	23,100	3,000	103,100	29,130	5,250		
49	81,400	3,800	28	DIST MGR CSO	79	97,100	10,500	7	18,420	1,900	81,720	29,130	5,250		
50	88,500	8,000	14	DIST MGR CSO	79	97,100	10,500	7	18,420	1,900	81,720	29,130	5,250		
51	88,500	8,000	29	DIST MGR CSO	79	97,100	10,500	7	18,420	1,900	81,720	29,130	5,250		
52	88,500	8,000	29	DIST MGR CSO	79	97,100	10,500	7	18,420	1,900	81,720	29,130	5,250		
53	88,500	8,000	11	DIST MGR CSO	79	97,100	10,500	7	18,420	1,900	81,720	29,130	5,250		
54	81,400	3,800	17	DIST MGR CSO	79	97,100	10,500	11	18,420	1,900	81,720	29,130	5,250		
55	88,500	8,000	24	DIST MGR CSO	79	97,100	10,500	11	18,420	1,900	81,720	29,130	5,250		
56	81,400	3,800	18	DIST MGR CSO	79	97,100	10,500	11	18,420	1,900	81,720	29,130	5,250		
57	68,800	4,800	49	DIST MGR CSO	79	97,100	10,500	7	20,560	2,400	91,580	29,130	6,250		



41,796	168,248	12.16	8.7%	0.70
47,190	178,670	18.53	3.8%	0.66
47,100	178,670	2.84	14.3%	0.41
47,190	178,670	4.60	10.8%	0.49
47,190	178,670	4.60	10.8%	0.49
47,190	178,670	4.60	10.8%	0.49
.	.	11.08	8.0%	0.57
.	.	39.84	1.4%	0.57
.	.	7.84	6.4%	0.42
.	.	7.35	5.7%	0.42
.	.	4.02	9.3%	0.37
.	.	4.02	9.3%	0.37
41,796	168,248	18.33	3.8%	0.59
.	.	28.56	2.2%	0.67
47,190	178,670	6.03	8.2%	0.49
.	.	6.09	8.7%	0.46
.	.	12.13	3.8%	0.46
.	.	2.35	19.5%	0.46
.	.	2.35	19.5%	0.46
.	.	3.03	15.1%	0.46
.	.	2.35	19.5%	0.46
47,190	178,670	3.38	20.9%	0.71
47,190	178,670	2.99	23.8%	0.71
47,190	178,670	2.82	25.0%	0.71
47,190	178,670	4.18	22.3%	0.93
47,190	178,670	3.77	18.1%	0.81
47,190	178,670	4.80	13.8%	0.88
41,796	168,248	6.10	10.3%	0.83
47,190	178,670	3.08	20.7%	0.83
41,796	168,248	5.49	11.3%	0.83
41,796	168,248	7.84	8.0%	0.83
47,190	178,670	3.30	19.3%	0.66
47,190	178,670	7.80	2.8%	0.22
47,190	178,670	11.80	1.9%	0.22
47,190	178,670	3.63	4.2%	0.18
.	.	0.00	0.3%	-
.	.	2.82	7.0%	0.20
47,190	178,670	3.28	5.8%	0.19
47,190	178,670	8.45	2.3%	0.21
.	.	4.70	4.2%	0.20
47,190	178,670	17.88	1.1%	0.20
47,190	178,670	2.18	7.8%	0.17
.	.	5.04	3.9%	0.20
.	.	2.43	8.1%	0.20
.	.	6.04	3.1%	0.18
47,190	178,670	3.28	4.7%	0.16
.	.	2.04	6.7%	0.20
37,004	140,104	3.44	4.2%	0.14
47,190	178,670	1.45	13.6%	0.30

Load Labor Rate Study  
 Calculation of Productive Hours by Work Group

A	B	C	D	E	F
PRODUCTIVE HOURS					
Row	Description	CON Productive Hours	CSV Productive Hours	ENG Productive Hours	SUP Productive Hours
11	Overtime Factor (Annual Percent)	6.50%	11.50%	6.50%	5.00%
12	Training Factor (Hours per year)	25	25	50	25
13	Meetings Factor (Hours per year)	50	75	100	75
14	Annual Total Before Overtime	2,080.0	2,080.0	2,080.0	2,080.0
15	Overtime Hours	135.2	239.2	135.2	104.0
16	Annual Total	2,215.2	2,319.2	2,215.2	2,184.0
17	Less Vacation	(120.0)	(120.0)	(120.0)	(120.0)
18	Less Holidays	(88.0)	(88.0)	(88.0)	(88.0)
19	Available to Work/Train	2,007.2	2,111.2	2,007.2	1,976.0
20	Training Hours	(25.0)	(25.0)	(50.0)	(25.0)
21	Work Time Incl Breaks/Meetg	1,982.2	2,086.2	1,957.2	1,951.0
22	Break Time (30 min/day)	(123.9)	(130.4)	(122.3)	(121.9)
23	Meetings Hours	(50.0)	(75.0)	(100.0)	(75.0)
24	Total Productive Hours	1,808.3	1,880.8	1,734.9	1,754.1
25					
26	Travel Time	(181.8)	(431.6)	0.0	0.0
27	Total Productive Hours w/Travel	1,626.5	1,449.2	1,734.9	1,754.1

CALCULATION OF TRAVEL FACTOR

Row	From OH400 Report (LTD Level)	CON WG 300 & 400	CSV WG 100	Total
36	Total Wages Paid	\$ 160,936,042	\$ 187,687,285	\$ 348,623,326
37	Travel Related Wages	13,210,023	34,926,200	\$ 48,136,223
38	Travel Rate	8.21%	18.61%	13.81%

Data for calculation of travel factors comes from the OH 400 report.

Overhead Cost Rates Development

Entity-Work Group	OH Cost Per Productive Hour			OH Cost Per Wage Dollar	
	Exempt Material	Tools	Vehicles	Other Benefits	Pension
21-900	-	-	-	0.29	0.03
39-020	-	-	-	0.29	0.03
39-030	-	-	-	0.29	0.03
39-040	-	-	-	0.29	0.03
39-100	2.16	1.08	3.68	0.29	0.03
39-150	1.47	0.50	3.40	0.29	0.03
39-180	2.13	-	-	0.29	0.03
39-190	0.78	0.40	1.82	0.29	0.03
39-200	2.63	1.10	3.68	0.29	0.03
39-300	2.04	1.14	5.13	0.29	0.03
39-400	1.81	1.07	3.77	0.29	0.03
39-900	-	-	-	0.29	0.03
39-950	-	-	-	0.29	0.03
39-970	-	-	-	0.29	0.03

Summary Data

Entity/Work Group	Exempt/Material	Hours	CREB	Other Benefits	Benefits	Tools	Vehicles
01-020	-	2,404	361	1,467	11,892	-	-
01-030	-	35,737	6,168	34,823	193,429	-	-
01-100	244,418	55,349	12,434	53,863	310,894	67,960	198,171
01-170	64,414	45,819	9,921	33,849	212,559	14,181	128,306
01-200	-	2,205	536	1,469	4,885	8,841	6,273
01-300	138,613	57,160	14,173	56,054	284,440	77,927	501,035
01-400	30,922	33,674	8,588	32,852	172,300	47,060	134,040
01-900	-	1,010,697	139,958	690,952	3,349,947	-	-
01-950	-	28,043	6,603	25,851	134,779	-	-
01-970	-	27,854	4,948	20,224	123,456	-	-
05-030	-	15,214	47,731	17,322	83,066	-	-
05-100	812,585	116,560	266,658	100,308	523,972	103,335	289,237
05-150	42,108	53,750	149,405	57,293	238,478	20,753	184,721
05-300	186,757	53,674	125,983	49,320	236,514	54,102	524,577
05-400	92,056	53,287	153,443	57,852	298,932	78,692	193,601
05-900	-	108,470	205,085	77,473	477,156	-	-
05-950	-	10,594	31,128	12,298	51,359	-	-
05-990	-	92	386	57	141	-	-
07-030	-	18,976	27,786	13,329	97,945	-	-
07-100	334,430	104,319	161,705	75,095	569,732	103,823	228,009
07-150	193,221	48,142	72,009	32,460	208,106	31,513	91,226
07-200	-	2,088	2,473	1,160	9,378	-	5,009
07-300	270,808	140,733	219,725	100,962	737,623	141,630	996,481
07-400	212,704	94,211	137,966	64,241	482,659	94,433	222,258
07-900	-	611,848	824,140	379,802	1,986,089	-	-
07-950	-	163,287	254,911	115,998	534,658	-	-
07-970	-	3,576	5,870	2,655	14,811	-	-
08-030	-	2,851	3,450	4,528	16,745	-	-
08-150	6,428	1,499	(875)	2,910	8,384	885	4,766
08-300	102,985	38,497	32,021	63,119	218,685	18,782	183,972
08-400	34,740	9,779	7,649	15,825	57,984	4,638	30,234
08-900	-	7,362	3,955	11,433	31,375	-	-
08-950	-	3,411	3,443	5,586	21,359	-	-
09-020	-	2,812	544	1,889	15,561	-	-
09-030	-	29,813	14,314	35,957	152,274	-	-
09-100	513,867	144,948	72,138	178,363	730,428	188,711	601,490
09-150	52,365	74,287	26,981	63,329	353,926	71,035	250,623
09-200	-	16,403	4,307	12,674	75,284	28,382	58,380
09-300	123,512	49,884	21,359	61,186	226,748	60,422	495,274
09-400	63,025	80,168	35,902	91,003	379,836	110,804	314,179
09-900	-	419,023	103,038	289,520	1,586,711	-	-
09-950	-	17,966	11,413	19,775	79,055	-	-
09-970	-	67,351	21,726	59,081	257,566	-	-
11-020	-	4,676	4,704	3,350	31,613	-	-
11-030	-	78,234	90,537	58,562	378,138	-	-
11-040	-	71,480	66,399	56,249	385,902	-	-
11-100	1,567,121	392,846	518,522	-	2,032,697	475,419	1,288,919
11-150	150,503	187,837	137,269	91,416	782,245	315,946	421,396
11-200	-	48,813	51,896	36,539	221,670	71,764	158,283
11-300	424,075	187,046	183,301	130,212	790,247	173,333	2,192,492
11-400	104,353	215,320	271,717	181,949	1,118,573	256,643	675,322
11-900	-	1,251,784	1,053,886	750,121	5,149,641	-	-
11-950	-	61,674	76,080	48,369	260,856	-	-
11-970	-	469,718	396,326	272,336	1,713,243	-	-

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Summary Data

Emp. Work Group	Exempt	Materials	Hourly	ORESS	Other Benefits	Payroll	Tools	Vehicles
12-020	-	-	1,745	787	1,205	6,948	-	-
12-030	-	-	56,858	32,238	46,486	268,354	-	-
12-100	743,450	197,058	105,558	164,974	984,153	213,719	447,204	
12-170	214,194	98,703	39,946	63,539	467,458	44,011	200,120	
12-200	-	19,471	9,238	13,834	88,098	17,940	50,675	
12-300	210,161	71,307	35,484	59,692	350,108	80,704	1,272,647	
12-400	86,248	108,449	52,180	85,749	512,078	112,974	251,054	
12-900	-	858,204	274,873	505,728	3,824,344	-	-	
12-950	-	99,208	41,110	81,295	322,867	-	-	
12-970	-	28,280	9,451	18,999	95,888	-	-	
14-030	-	22,814	46,880	30,870	108,474	-	-	
14-100	355,280	115,739	240,801	160,474	489,859	194,488	213,444	
14-170	79,754	48,954	69,444	45,873	221,948	12,434	81,039	
14-200	28	7,328	12,344	8,454	29,248	9,196	15,025	
14-300	91,281	45,648	95,128	62,423	205,858	82,651	647,227	
14-400	83,753	53,007	107,174	72,093	230,801	87,441	100,125	
14-900	-	54,210	75,714	50,576	259,557	-	-	
14-950	-	6,253	12,462	8,437	16,657	-	-	
14-970	-	13,179	18,696	12,879	54,220	-	-	
17-030	-	5,995	5,263	5,990	33,198	-	-	
17-100	185,692	69,697	22,439	83,830	342,818	81,856	182,824	
17-150	88,733	50,654	13,158	42,859	238,912	-	115,551	
17-170	50	50	55	32	354	34	52	
17-200	35,087	7,986	1,329	5,734	32,945	16,895	22,899	
17-300	36,059	23,038	7,177	27,667	125,244	21,189	118,988	
17-400	79,007	34,080	14,135	39,391	188,960	28,676	83,776	
17-900	-	66,421	16,358	55,817	306,191	-	-	
17-950	-	10,818	3,800	12,593	60,384	-	-	
17-970	-	24,903	7,409	19,592	112,311	-	-	
18-020	-	3,805	5,074	3,069	26,131	-	-	
18-030	-	31,851	61,751	37,386	179,677	-	-	
18-040	-	1,478	1,853	1,185	9,223	-	-	
18-100	858,846	220,717	424,757	258,227	1,119,785	230,210	401,021	
18-150	82,705	127,015	182,797	109,470	653,479	44,614	215,260	
18-200	589	28,895	39,559	24,072	118,774	7,072	52,630	
18-300	192,373	117,420	227,414	137,527	632,266	127,465	532,296	
18-400	184,439	162,052	292,832	176,281	875,988	149,443	306,566	
18-900	-	119,811	172,272	104,803	549,591	-	-	
18-950	-	15,949	30,950	18,586	84,018	-	-	
18-970	-	49,044	70,825	43,489	192,398	-	-	
24-020	-	2,021	422	2,002	8,973	-	-	
24-030	-	71,883	43,342	67,670	316,988	-	-	
24-040	-	45,847	25,028	42,179	209,818	-	-	
24-100	660,161	280,397	168,502	282,855	1,272,533	345,462	552,048	
24-160	84,352	153,028	70,348	112,690	872,945	67,927	255,028	
24-200	4,750	31,169	17,845	28,569	169,278	48,789	67,868	
24-300	766,274	260,699	163,207	245,497	1,527,423	339,284	776,333	
24-400	259,068	321,100	199,577	303,794	1,841,453	433,435	665,732	
24-900	-	1,615,617	679,543	1,068,586	6,856,682	-	-	
24-950	-	46,061	27,331	43,933	223,526	-	-	
24-970	-	79,387	39,405	59,236	298,988	-	-	
38-030	-	68,769	14,393	50,893	288,425	-	-	
38-100	330,892	128,361	33,208	110,797	805,975	144,988	407,963	
38-150	294,421	87,119	20,733	71,828	404,138	73,958	281,523	

Summary Data

Group	Exempt	Material	Hours	ORESS	Other	Benefits	Benefits	Fees	Vehicles
36-300	611,889	235,558	61,012	204,881	1,087,360	267,808	1,087,229		
36-400	350,854	112,120	29,801	97,822	552,366	138,553	387,015		
36-900	.	626,265	118,150	485,072	2,083,534	.	.		
36-950	.	14,375	3,917	12,300	59,404	.	.		
36-970	.	3,938	(1,497)	3,828	17,888	.	.		
39-020	.	8,100	2,186	4,623	34,849	.	.		
39-030	.	255,228	115,111	213,475	1,229,078	.	.		
39-040	.	86,803	25,670	69,860	471,004	.	.		
39-100	2,821,933	1,215,578	616,331	1,022,276	5,752,125	1,308,736	4,470,215		
39-150	470,116	319,650	103,308	202,954	1,489,352	159,847	1,087,484		
39-180	8,983	4,212	1,502	2,590	17,923	.	.		
39-190	21,716	27,880	10,275	21,215	126,986	11,049	50,835		
39-200	247,037	93,815	36,349	69,323	414,019	102,809	345,589		
39-300	356,577	174,935	26,407	151,442	865,560	199,102	897,370		
39-400	1,272,417	702,398	238,461	560,855	3,192,227	753,835	2,644,634		
39-900	.	5,065,891	1,804,184	3,317,431	18,138,587	.	.		
39-950	.	562,670	235,828	462,531	2,519,001	.	.		
39-970	.	868,877	283,514	547,221	3,447,059	.	.		
41-030	.	19,549	5,789	30,042	117,568	.	.		
41-100	300,712	93,918	48,541	141,385	534,296	93,959	362,756		
41-150	49,302	22,365	8,198	23,892	128,198	13,184	69,220		
41-200	.	2,088	674	1,955	12,359	2,655	7,868		
41-400	167,468	45,493	21,126	61,023	255,233	48,064	174,379		
41-900	.	59,621	23,383	63,142	286,650	.	.		
41-950	.	13,324	4,745	20,330	56,499	.	.		
41-970	.	9,747	738	10,917	38,568	.	.		
43-020	.	1,838	690	1,442	11,620	.	.		
43-030	.	44,953	23,781	53,494	212,272	.	.		
43-100	332,400	218,264	122,747	258,473	1,104,110	181,090	560,137		
43-150	158,915	69,892	36,313	74,521	329,387	35,821	166,741		
43-200	1,463	35,088	11,239	29,028	119,572	11,084	104,021		
43-300	104,845	91,187	55,971	106,823	466,243	72,794	418,797		
43-400	186,034	102,788	51,331	117,127	614,524	72,934	273,630		
43-900	.	351,720	122,579	274,188	1,071,868	.	.		
43-950	.	18,751	11,725	21,683	84,570	.	.		
43-970	.	1,129	(330)	993	1,773	.	.		
56-020	.	5,193	10,130	2,888	28,850	.	.		
56-030	.	148,968	412,489	114,490	657,803	.	.		
56-100	1,642,398	868,958	2,474,545	683,070	4,421,759	682,471	2,378,100		
56-150	402,845	348,065	765,132	206,758	1,733,802	187,905	861,184		
56-200	23,694	123,983	255,395	71,261	502,528	85,010	355,291		
56-300	189,086	149,700	424,838	118,170	777,841	116,542	631,316		
56-400	331,022	376,519	1,027,465	283,303	1,651,687	267,227	977,749		
56-900	.	2,833,510	5,361,400	1,489,014	8,264,568	.	.		
56-950	.	58,663	161,500	44,700	268,789	.	.		
56-970	.	102,898	223,884	62,952	401,035	.	.		
57-020	.	1,252	184	958	7,607	.	.		
57-030	.	32,880	14,383	39,865	142,353	.	.		
57-100	357,829	198,210	122,530	237,841	1,036,268	105,247	707,004		
57-150	30,970	52,267	26,880	46,649	277,574	9,251	176,558		
57-200	.	15,451	4,986	12,243	64,811	2,448	60,889		
57-300	44,453	39,845	24,868	46,980	208,212	21,371	414,170		
57-400	85,219	90,044	54,990	103,255	459,326	44,899	333,292		
57-900	.	213,295	88,250	156,108	646,313	.	.		

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Summary Data

Entity/Group	Exempt	Materials	Hours	OBRS	Hours	Benefit	Pay	Tools	Vehicles
57-950	-	-	12,728	8,424	15,123	72,347	-	-	-
57-970	-	-	9,816	2,281	9,301	31,373	-	-	-
58-900	-	-	4,385	-	-	33,171	-	-	-
66-020	-	-	2,475	(158)	1,964	11,541	-	-	-
66-040	-	-	42,198	(3,860)	34,261	169,238	-	-	-
66-100	-	-	248	(46)	103	614	-	-	-
66-150	281	-	3,408	(37)	1,340	12,434	-	-	-
66-900	-	1,293,717	66,382	518,988	4,990,308	-	-	-	-
66-950	-	-	7,978	235	2,852	30,261	-	-	-
66-970	-	-	7,384	595	2,697	39,379	-	-	-
67-020	-	-	152	(108)	103	767	-	-	-
67-040	-	-	71,512	12,847	42,045	334,640	-	-	-
67-200	-	-	2,636	2,869	1,548	11,313	-	22,707	-
67-300	-	-	400	246	140	880	-	-	-
67-900	-	3,325,415	670,701	1,333,768	13,024,983	-	-	-	-
67-950	-	-	3,902	901	1,513	9,743	-	-	-
67-970	-	-	47,920	7,681	18,132	185,318	-	-	-

2015-10-44

**Load Labor Rate Study**  
**Benefits as a Percent of Gross Wages**

A	B	C
Row	Description	Input / Calculation
8		
9	Gross Wages of OTC Employees Under Study	678,446,849.00
10	Benefits of OTC Employees Under Study	<u>196,508,326.56</u>
11		
12	Benefit Rate Per Wage Dollar	29.0%

**Notes**

9-10 Per Sprint's Overhead Reporting System



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Load Labor Rate Study  
Pension Cost as a Percent of Gross Wages

A	B	C
Row	Description	Input / Calculation
8		
9	Gross LTD Wages FYE 2001	969,884,025
10	Pension Service Cost PYE 2001	32,582,734
11		
12	Pension Service Cost as a Percent of Wages	3.4%

Notes

- 9 Provided by Employee Services & Disbursements - Labor & Accounting Department. (Michele R Trinkler)
- 10 Provided by Sprint's Pension Trust Department (John Naylor)
- 12 As final check, I discussed the above results with John Naylor, who stated that typically pension cost averages between 2 to 4 percent of salaries. Based on this, John concluded that 3.6% appeared reasonable.

**Load Labor Rate Study**  
**Listing of Workgroups and Companies with Descriptions**

Workgroup Number	Workgroup Description	Job Descriptions
020	Engineering - Land & Building	Land & Bldg Engineers
030	Engineering - Outside Plant	Ntwk Engineers, Architecture Planners, CAD Technicians, Ntwk Planners
040	Engineering - Central Office	Ntwk Engineers, Access Prov Engineers, Ntwk Design Engineers, Switch Engineers, Translation Engineers, Transmission Engineers, Ntwk Planners
100	Plant Customer Service - Simple	(Simple refers to Service representatives and technicians) Cust Svc Technicians, Cable Splicers, CO Technicians, Communications Technicians, Ntwk Switching Technicians
150	Plant Customer Service - Complex	(Complex refers to Business Technicians) Cust Svc Technicians, Cable Splicers, CO Technicians, Communications Technicians, Ntwk Switching Technicians
200	Plant General Service	Janitorial, Bldg Mtce, House Services, Wise Services, Fleet Mtce, Craft House Services
300	Plant - OSP Plant	Cable Splicers, Line Technicians, Lineworkers, Communications Technicians, Cust Svc Technicians, Construction Technicians, Cable Repairpersons
400	Plant - Central Office	Equipment Installers, CO Technicians, Ntwk Technicians, Ntwk Technicians, Communications Technicians
900	Admin - All Other	Admin (Acctg, Operator, Directory, HR, PR, Executive), Mailroom, Printshop, Clerical (Loop, Svc Center, Ntwk Control Ctr), Supervision
970	Admin - Marketing	Marketing (Admin, Clerical, Prod Development, Inside Sales, Management)

Company Number	Company Description
01	UTC of the Northwest
04	UTC of Eastern Kansas
05	UTC of Kansas
06	UTC of Southcentral Kansas
07	UTC of Missouri
08	UTC of The West
9	UTC of Indiana
09	UTC of Ohio
12	UTC of Pennsylvania
13	CTC - Illinois
14	UTC of New Jersey
17	UTC of the Carolinas
18	UTC Southeast Inc
21	Sprint United Management Co
24	CTC - Nevada
34	CTC of Texas
36	UTC of Texas
39	Sprint-Florida Incorporated
41	UTC of Minnesota
43	CTC - Virginia
56	Carolina Telephone & Telegraph
57	CTC - North Carolina
67	Sprint Mid-Atlantic Telecom

Sprint's Packet Switch Deployment Plans for Florida.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Call Server	Host	Location	State	Type	January	February	March	April	May	June	July	August	September	October	November	December	Total	
2003 Planning Year																		
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
2004 Planning Year																		
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
2005 Planning Year																		
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														
[REDACTED]	[REDACTED]	[REDACTED]	FL	[REDACTED]														